Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002515.D
Acq On : 20 Aug 2015 05:48
Operator : UM/IZ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 20 06:43:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
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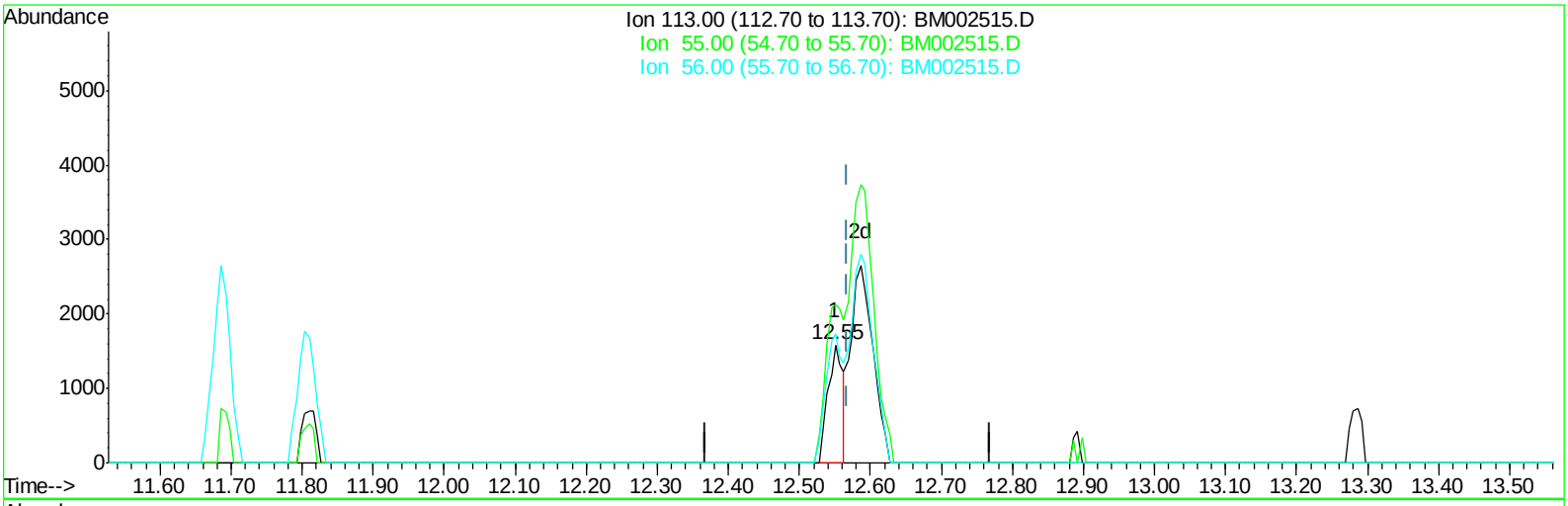

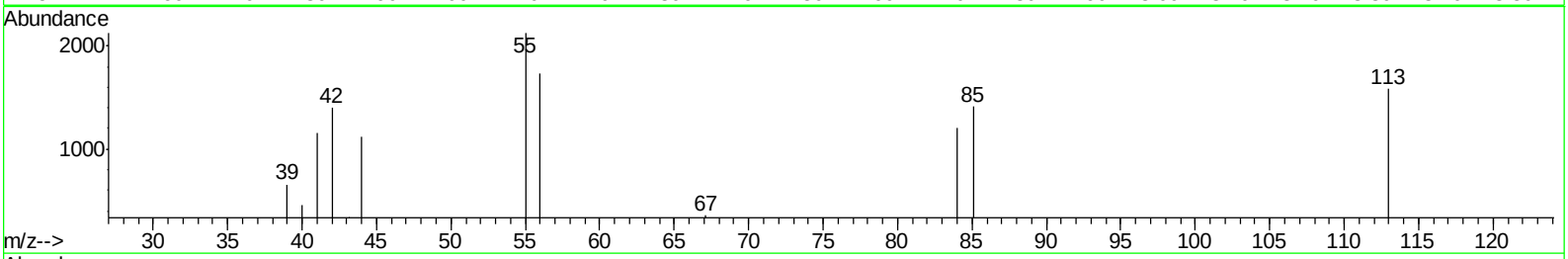

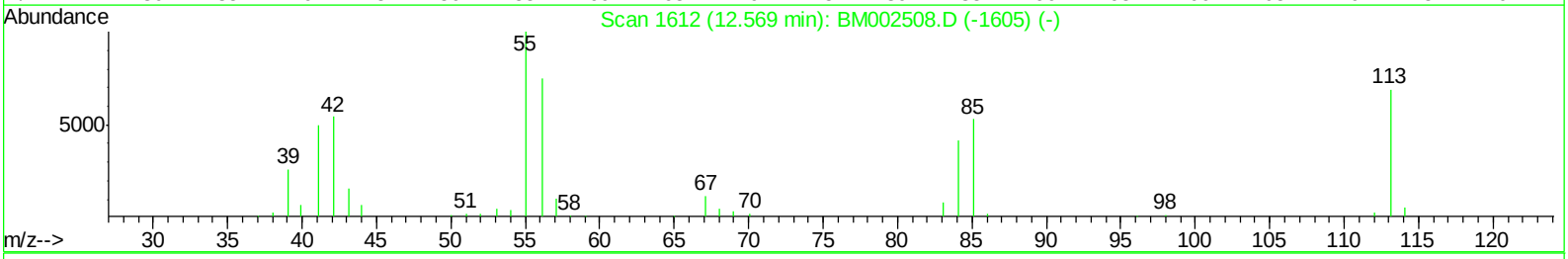

TIC: BM002515.D

(32) Caprolactam

12.551min (-0.018) 0.81ng/ul

response 2374

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	134.54#
56.00	139.20	109.74#
0.00	0.00	0.00

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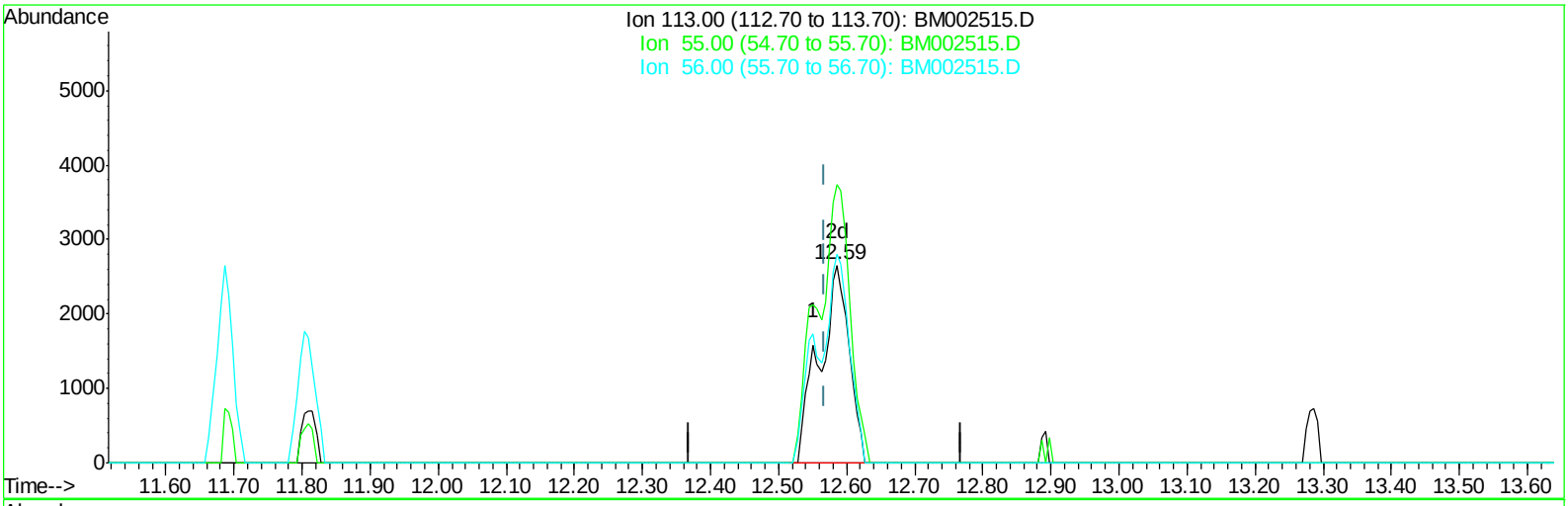

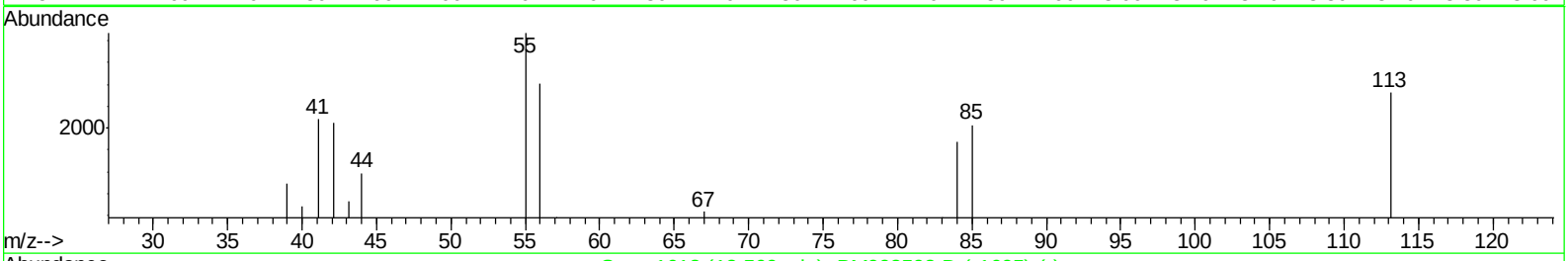

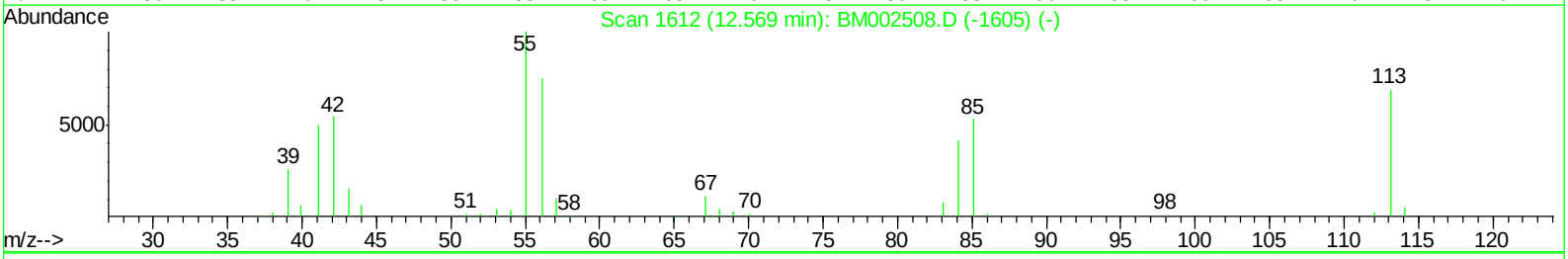

TIC: BM002515.D

(32) Caprolactam

12.586min (+0.018) 2.74ng/ul m

response 8040

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	141.00#
56.00	139.20	105.81#
0.00	0.00	0.00

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Quant Time: Aug 20 06:47:57 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	105194	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	508262	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	290950	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	648227	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	728220	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	759050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	13405	5.89	ng/uL	0.00
5) Phenol-d5	7.93	99	302235	31.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	172196	30.65	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	267825	34.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	270109	33.14	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	142917	37.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	154195	45.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	253779	34.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	407786	41.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.78	166	876856	36.61	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1071458	35.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	169894	39.30	ng/ul	0.00
58) Fluorene-d10	16.38	176	734316	35.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	125247	49.17	ng/ul	0.00
71) Anthracene-d10	18.22	188	1161517	36.93	ng/ul	0.00
79) Pyrene-d10	20.43	212	1250273	35.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	1516196	37.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1290	0.50	ng/uL#	33
4) Benzaldehyde	7.93	77	16184	2.88	ng/ul	94
6) Phenol	7.96	94	24878	2.55	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.20	93	21204	2.82	ng/ul	88
10) 2-Chlorophenol	8.37	128	21502	2.68	ng/ul	94
11) 2-Methylphenol	9.25	108	19271	2.50	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.35	45	28144	2.10	ng/ul	95
14) Acetophenone	9.66	105	34437	2.84	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.63	70	16409	2.52	ng/ul	88
16) 4-Methylphenol	9.58	108	21951	2.60	ng/ul	92
17) Hexachloroethane	9.93	117	7873	2.49	ng/ul	94
20) Nitrobenzene	10.06	77	22971	2.60	ng/ul	93
21) Isophorone	10.57	82	46820	2.65	ng/ul	98
23) 2-Nitrophenol	10.78	139	13430	3.50	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	24064	2.56	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	28177	2.58	ng/ul	97
27) 2,4-Dichlorophenol	11.32	162	20093	2.83	ng/ul#	81
28) Naphthalene	11.74	128	74831	2.80	ng/ul	100
30) 4-Chloroaniline	11.83	127	34061	3.50	ng/ul	96
31) Hexachlorobutadiene	11.99	225	11276	2.75	ng/ul	93
32) Caprolactam	12.59	113	8040m	2.74	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	22931	2.58	ng/ul	93
34) 2-Methylnaphthalene	13.29	142	55329	2.89	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	24081	2.88	ng/ul	96
38) Hexachlorocyclopentadiene	13.60	237	4803	0.97	ng/ul	96
39) 2,4,6-Trichlorophenol	13.86	196	15126	2.91	ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	16297	2.79	ng/ul	96
41) 1,1'-Biphenyl	14.25	154	71177	2.89	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	53551	2.86	ng/ul	97
43) 2-Nitroaniline	14.50	65	14385	2.54	ng/ul#	84
45) Dimethylphthalate	14.83	163	72366	2.96	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14053	3.07	ng/ul#	86
48) Acenaphthylene	15.14	152	91467	2.92	ng/ul	99
49) 3-Nitroaniline	15.30	138	16624	3.36	ng/ul#	88
50) Acenaphthene	15.47	153	60446	2.87	ng/ul	98
51) 2,4-Dinitrophenol	15.51	184	2876	1.82	ng/ul#	1
53) 4-Nitrophenol	15.58	109	8751	2.76	ng/ul	95
54) Dibenzofuran	15.79	168	83321	2.97	ng/ul	95
55) 2,4-Dinitrotoluene	15.74	165	20955	3.23	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	11653	2.62	ng/ul#	96
57) Diethylphthalate	16.16	149	74919	2.87	ng/ul	99
59) Fluorene	16.43	166	71122	3.00	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.40	204	32454	2.99	ng/ul	91
61) 4-Nitroaniline	16.44	138	18194	3.18	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	16.50	198	10681	3.73	ng/ul#	67
65) N-Nitrosodiphenylamine	16.62	169	60875	2.86	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	18759	2.77	ng/ul	97
67) Hexachlorobenzene	17.42	284	22396	2.90	ng/ul	98
68) Atrazine	17.52	200	21636	2.92	ng/ul	100
69) Pentachlorophenol	17.76	266	4443	1.17	ng/ul	95
70) Phenanthrene	18.16	178	114878	3.08	ng/ul	100
72) Anthracene	18.24	178	116549	3.02	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	23002	2.61	ng/uL	98
74) Pentachlorobenzene	15.71	250	23784	2.79	ng/uL	98
75) Carbazole	18.50	167	107576	3.08	ng/ul	98
76) Di-n-butylphthalate	18.99	149	133646	2.86	ng/ul	100
77) Fluoranthene	20.10	202	130722	3.31	ng/ul	99
80) Pyrene	20.46	202	139673	2.97	ng/ul	97
81) Butylbenzylphthalate	21.27	149	64357	2.77	ng/ul	90
82) 3,3'-Dichlorobenzidine	22.08	252	51040	3.65	ng/ul	99
83) Benzo(a)anthracene	22.18	228	137631	3.10	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	22.01	149	97433	2.90	ng/ul	99
85) Chrysene	22.23	228	128911	3.06	ng/ul	100
87) Di-n-octyl phthalate	23.01	149	167782	2.90	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	144742	3.07	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	133397	2.94	ng/ul	99
91) Benzo(a)pyrene	24.73	252	142479	3.16	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.63	276	163476	3.16	ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	138346	3.16	ng/ul	99
94) Benzo(g,h,i)perylene	28.50	276	137617	3.15	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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